

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	(towel near5 (DISPENS\$4 OR hand)) and (towel near5 (dirty OR used) and clean)) AND ((SPOOL OR DRUM OR ROLLER) NEAR5 TOWEL NEAR5 CLEAN) AND ((SPOOL OR DRUM OR ROLLER) NEAR5 TOWEL NEAR5 (DIRTY OR USED))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 14:00
L14	2891	8/151,158,159.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 14:10
L15	2597	68/23r,17r,97.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 14:11
L16	2128	8/151,158,159/15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 15:45
L17	294	312/34.11,34.12,34.13,34.15,34.17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 15:46

L18	6	kafzan-abraham\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/04 15:46
S1	11	towel (wash\$3 or clean\$3) (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/22 10:35
S2	3	("4104814" or ("4297859" or ("4350028")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/22 10:39
S3	29	("0796345" "1689622" "2295955" "2593640" "2609623" "2963893" "2969664" "3083481" "3112631" "3128206" "3173766" "3803879" "3826548" "4010988" "4022368").PN. OR ("4104814" "4297859" "4350028").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/22 11:15
S4	1461	(textile or towel or cloth) (bath or reservoir) (drum) (roller) (motor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/22 15:14
S5	848	(8/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/22 15:15
S6	2922	((68/23r) or (68/97) or (8/15) or (8/159) or (68/17r)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/22 15:15
S7	3759	S5 or S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/22 15:26

S12	0	kafzan-abraham-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 09:44
S13	0	((09/003508) or (08/397673) or (29/064734)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/23 09:45
S14	0	09/003508 08/397673 29/064734	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 09:45
S15	1	09/003508 08/397673 29/064734	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/23 09:45
S16	0	kafzan\$2-abraham\$2-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 09:46
S17	6	kafzan-abraham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 09:46
S18	11535	(opposite or (multi-direction\$3 or (multi direction \$3))) (roll\$3 or spin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/23 15:30
S19	848	(8/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/23 17:15

S20	2923	((68/23r) or (68/97) or (8/15) or (8/159) or (68/17r)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/23 17:15
S21	3760	S19 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 17:15
S22	11535	(opposite or (multi-direction\$3 or (multi direction \$3))) (roll\$3 or spin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/23 17:15
S23	9	S22 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/23 17:15
S24	2	("2563652").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/23 17:35
S25	5	"10246919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/23 17:36
S26	3	((("4104814") or ("4297859") or ("4350028"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/24 11:02
S27	6	kafzan-abraham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/24 11:02
S28	848	(8/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/24 11:02

S29	2923	((68/23r) or (68/97) or (8/15) or (8/159) or (68/17r)).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/24 11:02
S30	3760	S28 or S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/24 11:02
S31	11535	(opposite or (multi-direction\$3 or (multi direction \$3))) (roll\$3 or spin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 11:02
S32	9	S31 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 11:02
S33	5	"10246919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/24 11:02
S34	23	S27 or S26 or S32 or S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/24 11:02
S35	0	towel near5 (wash\$4 or clean\$4 or decontaminat \$4 or rins\$4 or sterilis\$4 or sanitiz\$4 or disinfect \$4) and (towel near S30 (drum or spool or roll\$4)) and ((towel or drum or spool or roll\$4) near5 ((clockwise and counterclockwise) or (back and forth) or rewind\$4 or rewound\$4 or (forward\$4 and backward\$4) or (direction near5 (opposite or revers\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/24 11:17

S36	0	towel near5 (wash\$4 or clean\$4 or decontaminat\$4 or rins\$4 or sterilis\$4 or sanitiz\$4 or disinfect\$4) and (towel near S30 (drum or spool or roll\$4)) and ((towel or drum or spool or roll\$4) near5 ((clockwise and counterclockwise) or (back and forth) or rewind\$4 or rewound\$4 or (forward\$4 and backward\$4) or (direction near5 (opposite or revers\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 11:18
S37	9244	towel near5 (wash\$4 or clean\$4 or decontaminat\$4 or rins\$4 or sterilis\$4 or sanitiz\$4 or disinfect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 12:23
S38	0	(towel near S30 (drum or spool or roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 12:23
S39	5106	(towel near5 (drum or spool or roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 12:23
S40	128798	((towel or drum or spool or roll\$4) near5 ((clockwise and counterclockwise) or (back and forth) or rewind\$4 or rewound\$4 or (forward\$4 and backward\$4) or (direction near5 (opposite or revers\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 12:24
S41	160	S37 and S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/24 12:24
S42	1	("5244263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/24 12:25

S43	848	(8/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 20:08
S44	2923	((68/23r) or (68/97) or (8/15) or (8/159) or (68/17r)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 20:08
S45	3760	S43 or S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/25 20:08
S46	11543	(opposite or (multi-direction\$3 or (multi direction \$3))) (roll\$3 or spin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S47	9	S46 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S48	9246	towel near5 (wash\$4 or clean\$4 or decontaminat \$4 or rins\$4 or sterilis\$4 or sanitiz\$4 or disinfect \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S49	5108	(towel near5 (drum or spool or roll\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S50	128850	((towel or drum or spool or roll\$4) near5 ((clockwise and counterclockwise) or (back and forth) or rewind\$4 or rewound\$4 or (forward\$4 and backward\$4) or (direction near5 (opposite or revers\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08

S51	160	S48 and S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S52	167	S51 or S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:08
S53	128	S52 and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:10
S54	0	bathroom appliance time delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/25 20:22
S55	1	bathroom appliance time delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:22
S56	0	bathroom appliance time near hour	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:22
S57	4	bathroom appliance time hour	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:22

S58	33	bathroom time delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:23
S59	34	clean\$3 bathroom daily	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:25
S60	34	S59 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:25
S61	1258	time sprinkler system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:26
S62	0	calibrated bathroom appliance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:28
S63	0	calibrat\$4 bathroom appliance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:28
S64	19	calibrat\$4 bathroom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:28

S65	144	rainbird	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/02/25 20:29
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